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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims:

- 5 1 (currently amended): A method for calibrating an image of a document generated from a scanner comprising a plane light source ~~when scanning a document~~, the method comprising:
- ~~providing a scanner containing a housing comprising a transparent platform positioned on the housing for placing the document thereon and a track positioned inside the housing parallel with a scanning direction of the scanner;~~
- 10 ~~projecting plane light on a the document with a light distributing device positioned above the transparent platform of the scanner;~~
- ~~moving a scanning module of the scanner along the track a length of the transparent platform for sensing the light, which is generated from the light distributing device and passes through the transparent platform; and~~
- 15 ~~generating a plurality of corresponding calibration signals signal at a plurality of positions respectively;~~
- ~~placing the document on the transparent platform;~~
- ~~moving the scanning module along the length of the transparent platform for~~
- 20 ~~obtaining the image of the document, wherein the scanning module generates a plurality of scan signals at the plurality of positions respectively; and~~
- ~~compensating the plurality of scan signals with the plurality of calibration signals respectively.~~
- ~~when no document is positioned on the transparent platform; and~~
- 25 ~~using the calibration signal, which is generated from the scanning module moving to a plurality of positions on the track without the document positioned on the transparent platform, to amplify or decay a scan signal generated by the scanning module when the document is positioned on the transparent platform to be scanned and when the scanning module reaches the corresponding~~
- 30 ~~plurality of positions on the track to scan the document.~~

2 (cancelled).

3 (currently amended): The method of claim 1 wherein the step of compensating the plurality of scan signals with the plurality of calibration signals respectively
5 further comprises:

amplifying the scan signal ~~is amplified~~ by a correction factor when the scan signal is weaker than a standard value, ~~and the scan signal approaches the standard value after being amplified by the correction factor.~~

10 4 (currently amended): The method of claim 1 wherein the step of compensating the plurality of scan signals with the plurality of calibration signals respectively
further comprises:
attenuating the scan signal ~~is decayed~~ by a correction factor when the scan signal is stronger than a standard value, ~~and the scan signal approaches the standard value after being decayed by the correction factor.~~
15

5 (currently amended): The method of claim 1 further comprising recording the calibration signals signal.

20 6 (currently amended): The method of claim 1 wherein the scanning module comprises a plurality of sensors, ~~and each sensor is used for sensing the light, projecting on the scanning module to generate a corresponding pixel scan signal so that~~ each of the scan signals ~~signal generated from the scanning module~~ comprises a plurality of pixel-scan-signals generated from the sensors,
25 the method step of compensating the plurality of scan signals with the plurality of calibration signals respectively further comprising:
amplifying each of the pixel-scan-signals ~~signal generated from one of the~~ sensors with a corresponding correction factor when the pixel-scan-signal is weaker than a standard value; and
30 decaying attenuating each of the pixel-scan-signals ~~signal generated from one of the~~ sensors with the corresponding correction factor when the pixel-scan-signal is stronger than the standard value.

7 (currently amended): The method of claim 6 further comprising:

moving the scanning module along the track for sensing the light, which is
generated from the light distributing device and passes through the
transparent platform, and each sensor generating a corresponding a plurality
5 of pixel-calibration-signals signal from the sensors when no document is
positioned on the transparent platform placed on the transparent platform;
and
comparing each of the pixel-calibration-signals with the standard value to
10 determine determining the corresponding correction factor of for each of the
pixel-scan-signals signal which is generated from the scanning module
scanning the document at a first position on the track, according to the
corresponding pixel calibration signal generated from the sensor of the
scanning module located at the first position on the track when no document
15 is positioned on the transparent platform.

8 (currently amended): A scanner comprising:

a housing comprising a transparent platform positioned on a the housing of the
scanner for placing a document thereon;
20 a light distributing device plane light source positioned above on one side of the
transparent platform for projecting plane light on the transparent platform
document;
a track positioned inside the housing parallel with a scanning direction of the
scanner;
25 a scanning module movably positioned disposed on the other side of the
transparent platform on the track for sensing the plane light passing through
the document and generating a scan signal and a calibration signal
corresponding scan signal at each of a plurality of positions, wherein the
scanning module moves along a length of the transparent platform and
30 generates the plurality of calibration signals when no document is placed on
the transparent platform and the plurality of scan signals when the document is
placed on the platform; and

a processing circuit for controlling the operation of the scanner scan signal;
wherein the scanning module moves along the track for sensing the light, which is
generated from the light distributing device and passes through the transparent
platform, and generates a corresponding calibration signal when no document
5 is positioned on the transparent platform, and, wherein the processing circuit
compensates the plurality of scan signals with uses the plurality of calibration
signals signal respectively, which is generated from the scanning module
moving to a plurality of positions on the track without the document positioned
on the transparent platform, to amplify or decay the scan signal when the
10 scanning module moves to the corresponding plurality of positions on the track
for scanning the document which is positioned on the transparent platform.

9 (cancelled).

15 10 (currently amended): The scanner of claim 8 wherein the processing circuit
amplifies the scan signal by a an correction factor when the scan signal is
weaker than a standard value, and the scan signal approaches the standard value
after being amplified by the correction factor.

20 11 (currently amended): The scanner of claim 8 wherein the processing circuit decays
attenuates the scan signal by a correction factor when the scan signal is stronger
than a standard value, and the scan signal approaches the standard value after
being decayed by the correction factor.

25 12 (currently amended): The scanner of claim 8 further comprising a recording circuit
for storing the calibration signals signal.

13 (currently amended): The scanner of claim 8 being connected to a computer, and
the calibration signals signal being stored in the computer.

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14 (currently amended): The scanner of claim 8 wherein the scanning module
comprises a plurality of sensors, each sensor is used for sensing the light

projecting on the scanning module to and each generate generating a
corresponding pixel-scan-signal, the scan signal ~~generated from the scanning~~
~~module~~ comprises a plurality of the pixel-scan-signals generated from the
sensors, and the processing circuit amplifies and or decay attenuates the
5 pixel-scan-signals ~~generated from different sensors~~ with corresponding
correction factors ~~after comparing the pixel scan signals with a standard value.~~

15 (currently amended): The scanner of claim 14 wherein ~~the scanning module moves~~
~~along the track for sensing the light which is generated from the~~
10 ~~light distributing device and passes through the transparent platform, uses the~~
calibration signal comprises a plurality of pixel-calibration-signals, each sensor
for generating generates a corresponding pixel-calibration-signal when no
document is ~~positioned on the transparent platform placed on the transparent~~
platform, and the processing circuit compares each of the
15 pixel-calibration-signals with the standard value to determine the corresponding
correction factor of for each of the pixel-scan-signals signal, which is generated
from the scanning module scanning the document at a first position on the track,
according to the corresponding pixel calibration signal generated from the
sensor of the scanning module located at the first position on the track when no
20 document is positioned on the transparent platform.